

From: "King, Amy" <amy.king@tetrattech.com>
To: "Carlin, Jayne" <Carlin.Jayne@epa.gov>
Date: 7/23/2018 7:25:12 AM
Subject: RE: Updated FY19 Cost Estimates for EPA R10 Court Driven TMDLs

Hello all,

Apologies on my delayed response for this update; (b) (6). I included estimates in the attached version – all cells that were changed are in blue. As noted in the comments field, we should be able to refine several of these later this week after some upcoming meetings.

Please feel free to reach out with any questions.

Thanks, Amy

From: Carlin, Jayne <Carlin.Jayne@epa.gov>
Sent: Tuesday, July 17, 2018 3:39 PM
To: King, Amy <amy.king@tetrattech.com>
Cc: Henning, Alan <Henning.Alan@epa.gov>; Hodgkiss, Miranda <Hodgkiss.Miranda@epa.gov>; Zell, Christopher <zell.christopher@epa.gov>; Ramrakha, Jayshika <Ramrakha.Jayshika@epa.gov>; Monschein, Eric <Monschein.Eric@epa.gov>; Medrano, Selena <Medrano.Selena@epa.gov>; Schary, Claire <Schary.Claire@epa.gov>; Croxton, David <Croxton.David@epa.gov>; Mann, Laurie <mann.laurie@epa.gov>; Woodruff, Leigh <Woodruff.Leigh@epa.gov>
Subject: Updated FY19 Cost Estimates for EPA R10 Court Driven TMDLs

Hi Amy,

So sorry to make an urgent request but HQ needs us to submit our cost estimates for FY19 funds ASAP (actually was due on July 13-my fault).

Please update the attached table—with focus on the FY19 column and email to everyone on the “to” and “cc” lines. Miranda and Chris are preparing the technical direction for Deschutes for your review (see attached for the decision). They should email it to you before you return next week.

I will be out of the office between July 18-July 25 but any of you can call me directly at (b) (6).

Thanks!

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Region 10 TMDL & WQS Work Cost Estimates FY19*

Project Name	Additional Information	Total Cost for FY18 & FY 19	FY18****	FY19	Comments
Columbia Temperature TMDL	TMDL Modeling	\$110,000	\$90,000	\$20,000	<i>All estimates below assume 10/1/18 start for FY19</i>
Klamath Temperature TMDL	TMDL Modeling & TMDL Development (21 Stage 1 waters)	\$142,000	\$122,000	\$20,000	<i>expect to have a better estimate after 7/24/18 meeting</i>
	Sensitivity Analysis	\$100,000	\$100,000		<i>expect to have a better estimate after 7/24/18 meeting</i>
	Criteria Development**				
	TMDL Modeling & TMDL Development (3 Stage 2 waters)	\$212,000		\$212,000	<i>expect to have a better estimate after 7/24/18 meeting</i>
Willamette Mercury TMDL		\$125,500	\$100,500	\$25,000	
Deschutes TMDL	Areas of TMDLs disapproved only	\$260,000	\$25,000	\$235,000	<i>expect to have a better estimate after 7/26/18 meeting</i>
Alaska TMDLs	2 TMDLs/annually	\$80,000	\$35,000	\$45,000	
First of Ten Additional OR temperature TMDLs**	TMDL Modeling	\$150,000		\$150,000	
	Sensitivity analysis	\$80,000		\$80,000	
	Criteria Development***				
Rest of Ten OR temperature TMDLs**	TMDL Modeling (9 x \$150k)	\$1,350,000		\$1,350,000	
	Sensitivity Analysis (9 x \$80k)	\$720,000		\$720,000	
	Criteria Development*** (1 x \$400k)				
Total for Contracts		\$3,329,500	\$472,500.00	\$2,857,000.00	
ORISE Participant Support	ORISE Participants on research/technical investigations on TMDLs and CWA 303d/TMDL-related litigation	\$193,085	\$96,640	\$96,445	\$96,445 using FY19 funds for Interagency Agreement between EPA & Dept. of Energy for ORISE participants based on the rate of GS9 Seattle area (with travel & required overhead costs) in Seattle for one participant between October 1, 2017 & December 30, 2018 to provide support in TMDL court orders and settlement agreements.
SEE Records Support	Administrative Record Support for Litigation, TMDLs & 303d List	\$108,000	\$53,000	\$55,000	\$55,000 for FY19. Will fund a 0.8 FTE for a Records Management SEE staff to support all EPA Region 10 TMDL and 303d List records. On average around 30% of her time is spent on litigation related records, 10% on litigation in motion, 10% on establishing additions to the states' 303d lists and 50% on supporting EPA action on state 303d lists & TMDL submittals.
TOTALS		\$3,630,585	\$622,140	\$3,008,445	0

** \$219,000 for criteria development for the Klamath temperature TMDL

*** \$400,000 Criteria development for Oregon temperature TMDL revisions.

**** Total amount in Tetra Tech contracts (original and follow-on) is \$687,075